

**ABATEMENT
WASTE
DISPOSAL**

*PCB CHARACTERISTIC ANALYSIS
OF ABRASIVE DEBRIS
COMPOSITE*

August 2, 2016



INDUSTRIAL
HYGIENE
SERVICES

Laboratory | Management | Training

Mr. Dave Leonard

NVL Field Services Division
4708 Aurora Ave. N.
Seattle, 98103

Re: **NVL Batch 1615648.00**

Project Name/Number: 2012-494

Project location: 3100 Airport Way S. Seattle, WA 98134

Dear Mr. Leonard,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytic report.

The content of this package consists of the following:

- Case Narrative & Definition of Data Qualifiers
- Analytical Test Results
- Applicable QC Summary
- Client Chain-of-Custody (CoC)
- NVL Receiving Record

The report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client will be discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance, please contact us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

A handwritten signature in black ink, appearing to read "Nick Ly", written over a horizontal line.

Nick Ly, Technical Director

Enclosure: Sample Results

Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103

Case Narrative:

The following summarizes samples received on date as shown on the accompanied Chain of custody by NVL Laboratories, Inc. from NVL Field Services Division for Project number: 2012-494. Samples were logged in for PCB analysis per client request using both customer sample ID's and laboratory assigned ID's as listed on the Chain-of-Custody (CoC). All samples as received were processed and analyzed within specified turnaround time without any abnormalities and deviations that may affect the analytical results. All quality control requirements were acceptable unless stated otherwise. The conditions of all samples were acceptable at time of receipt and all samples submitted with this batch were analyzed unless stated otherwise on the CoC.

Test Results are reported in milligram per kilogram (mg/Kg) for PCB samples as shown on the analytical reports.



Definition Appendix

Terms

% Rec	Percent recovery.
<	Below Reporting Limit(RL) or Limit of Quantitation(LoQ) of the instrument.
B	Blank contamination. The recorded results is associated with a contaminated blank.
DF	Dilution Factor
J	The reported concentration is an estimated value because something may be present in the sample that interfered with the analysis.
J1	The reported concentration is an estimated value because the laboratory control sample (LCS) is out of control limits.
J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
LCS	Laboratory Control Sample.
LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology



Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
mg/Kg	milligram per kilogram

ORGANICS LABORATORY SERVICES



Company NVL Field Services Division
Address 4708 Aurora Ave. N.
 Seattle, WA 98103
Project Manager Mr. Dave Leonard
Phone (206) 547-0100
Cell (b) (6)

NVL Batch Number 1615648.00
TAT 1 Day **AH** No
Rush TAT
Due Date 8/2/2016 **Time** 9:00 AM
Email Dave.l@nvlabs.com
Fax (206) 634-1936

Project Name/Number: 2012-494 **Project Location:** 3100 Airport Way S. Seattle, WA 98134

Subcategory Quantitative analysis

Item Code ORG-05 **Method** 8082 PCB Aroclors <Bulk>

Total Number of Samples 1

Rush Samples

Lab ID	Sample ID	Description	A/R
1	16248645	A	A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	8/1/16	900
Analyzed by	Shalini Patel		NVL	8-1-16	1500
Results Called by					
<input type="checkbox"/> Faxed <input type="checkbox"/> Emailed					
Special Instructions:					

Entered By: Fatima Khan

Date: 8/1/2016

Time: 8:39 AM

1 of 1

ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography



Client	NVL Field Services Division	Samples Received*	1
SDG Number	1615648.00	Analyzed By	Shalini Patel
Date Reported	08/02/2016	Samples Analyzed*	1
Project Number	2012-494	Analysis Method	8082A
Location	3100 Airport Way S. Seattle, WA 98134	Preparation Method	3546PR (PCB)

* for this test only

Sample Number	A	Received	08/01/2016
Lab Sample ID	16248645	Matrix	Material
Initial Sample Size	2.0628 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	39	< 39	08/01/2016
Aroclor-1221	39	< 39	08/01/2016
Aroclor-1232	39	< 39	08/01/2016
Aroclor-1242	39	< 39	08/01/2016
Aroclor-1248	39	< 39	08/01/2016
Aroclor-1254	39	490	08/01/2016
Aroclor-1260	39	400	08/01/2016
PCBs, Total	39	890	

Comments: Abrasive Debris Composite. Reporting limit raised due to dilution.

Quality Control Results

Project Number:	2012-494	SDG Number:	1615648
		Project Manager:	Dave Leonard

QC Batch(es):	Q468	Analysis Method:	8082A
QC Batch Method:	3546PR (PCB)	Analysis Description:	Polychlorinated Biphenyls by Gas Chromatography
Preparation Date:	08/01/2016		

Blank: MBLK-1615648

Analyte	Blank Result	Units	DF	RL	Control Limit	Qualifiers
Aroclor-1016	ND	mg/Kg	1	1.0	1	
Aroclor-1221	ND	mg/Kg	1	1.0	1	
Aroclor-1232	ND	mg/Kg	1	1.0	1	
Aroclor-1242	ND	mg/Kg	1	1.0	1	
Aroclor-1248	ND	mg/Kg	1	1.0	1	
Aroclor-1254	ND	mg/Kg	1	1.0	1	
Aroclor-1260	ND	mg/Kg	1	1.0	1	
PCBs, Total	ND	mg/Kg	1	1.0	1	
Surrogates:				% Rec		
Tetrachloro-m-xylene			1	113	40-140	
Decachlorobiphenyl			1	118	40-140	

Lab Control Sample: LCS-1254-1615648

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	% Rec Limits	Qualifiers
Aroclor-1254	21.1	mg/Kg	1	20.0	106	40-140	
Surrogates:							
Tetrachloro-m-xylene			1		123	40-140	
Decachlorobiphenyl			1		125	40-140	

Lab Control Sample: LCS-1016+1260-1615648

Lab Control Sample Duplicate: LCS Dup-1016+1260

Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	19.2	mg/Kg	1	20.0	96	40-140			
	20.9			20.0	104	40-140	9	50	
Aroclor-1260	21.5	mg/Kg	1	20.0	107	40-140			
	23.8			20.0	119	40-140	10	50	
Surrogates:									
Tetrachloro-m-xylene			1		106	40-140			
					103	40-140			
Decachlorobiphenyl			1		116	40-140			
					118	40-140			



Surrogate Recovery Summary Report

Client NVL Field Services Division

SDG Number 1615648

Project 2012-494

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
A	16248645	Decachlorobiphenyl	117%	40-140
A	16248645	Tetrachloro-m-xylene	103%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Decachlorobiphenyl	118%	40-140
LCS Dup-1016+1260	LCS Dup-1016+1260	Tetrachloro-m-xylene	103%	40-140
LCS-1016+1260-1615648	LCS-1016+1260-1615648	Decachlorobiphenyl	116%	40-140
LCS-1016+1260-1615648	LCS-1016+1260-1615648	Tetrachloro-m-xylene	106%	40-140
LCS-1254-1615648	LCS-1254-1615648	Decachlorobiphenyl	125%	40-140
LCS-1254-1615648	LCS-1254-1615648	Tetrachloro-m-xylene	123%	40-140
MBLK-1615648	MBLK-1615648	Decachlorobiphenyl	118%	40-140
MBLK-1615648	MBLK-1615648	Tetrachloro-m-xylene	113%	40-140

* Recovery outside limits

INITIAL AND CONTINUING CALIBRATION VERIFICATIONSDG No: **1615648**

Contract:

Determination: **8082 PCB Aroclors <Material>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000461	CCV1- 1016 -1260	PCB_2016-1-2	08/01/2016	Aroclor-1016	5	5	ug/mL	100	80-120
		PCB_2016-1-2	08/01/2016	Aroclor-1260	5	5	ug/mL	100	80-120
	CCV1- 1254	PCB_2016-1-3	08/01/2016	Aroclor-1254	5	5	ug/mL	100	80-120
	ICV 1016-1254- 1260	PCB_2016-1-4	08/01/2016	Aroclor-1016	5	4.766	ug/mL	95	85-115
		PCB_2016-1-4	08/01/2016	Aroclor-1254	5	5.51	ug/mL	110	85-115
		PCB_2016-1-4	08/01/2016	Aroclor-1260	5	5.538	ug/mL	111	85-115
	CCV2- 1016 - 1260	PCB_2016-1-2	08/01/2016	Aroclor-1016	5	5.055	ug/mL	101	80-120
		PCB_2016-1-2	08/01/2016	Aroclor-1260	5	5.475	ug/mL	110	80-120
	CCV2-1254	PCB_2016-1-3	08/01/2016	Aroclor-1254	5	5.258	ug/mL	105	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

NVL Laboratories, Inc.

4708 Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Cell: 206.914.4646

Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

Client NVL Field Services Division

Street 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Munaf Khan

Project Location 3100 Airport Way S. Seattle, WA 98134

**CHAIN of CUSTODY
SAMPLE LOG****1615648**

NVL Batch Number

Client Job Number 2012-494

Total Samples 1

Turn Around Time

☐ 1 Hr ☐ 6 Hrs ☐ 3 Days ☐ 10 Days☐ 2 Hrs ☒ 1 Day ☐ 4 Days☐ 4 Hrs ☐ 2 Days ☐ 5 Days

Please call for TAT less than 24 Hrs

Email address munaf.k@nvlabs.com

Cell: (b) (6)

Phone: (206) 547-0100

Fax: (206) 634-1936

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input type="checkbox"/> Asbestos Bulk	<input type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Paint Chips in %	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Paint Chips in cm	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Mercury (Hg)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (pp)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Selenium (Se)
		<input type="checkbox"/> Soil	<input type="checkbox"/> Other	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Silver (Ag)
<input checked="" type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input checked="" type="checkbox"/> Other (Specify) PCBs	* LOW DETECTION LEVEL	
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust		1.0 0.13 mg/kg	

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		A	ABRASIVE DEBRIS COMPOSITE	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	DAVE LEONARD		NVL	7/28/16	1300
Relinquished by	DAVE LEONARD		NVL	7/29/16	1730
Received by	Shalini Patel		NVL	8/1/16	9:00am
Analyzed by	Shalini Patel		NVL	8-1-16	1500
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

WASTE CHARACTERIZATION SAMPLE

~~0.13 mg/kg~~ LOW DETECTION LEVEL6.3 mg/kg
1.0 mL

METALS CHARACTERISTIC ANALYSIS OF ABRASIVE DEBRIS COMPOSITE

August 2, 2016

Dave Leonard
NVL Field Services Division
4708 Aurora Ave. N.
Seattle, WA 98103



INDUSTRIAL
HYGIENE
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RE: Metals Analysis; NVL Batch # 1615650.00

Dear Mr. Leonard,

Enclosed please find the test results for samples submitted to our laboratory for analysis. Preparation of these samples was conducted following protocol outlined in EPA Method SW 846 -3051 unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with U.S. EPA, NIOSH, OSHA and other ASTM methods.

For matrix materials submitted as paint, dust wipe, soil or TCLP samples, analysis for the presence of total metals is conducted using published U.S. EPA Methods. Paint and soil results are usually expressed in mg/Kg which is equivalent to parts per million (ppm). Lead (Pb) in paint is usually expressed in mg/Kg (ppm), Percent (%) or mg/cm² by area. Dust wipe sample results are usually expressed in ug/wipe and ug/ft². TCLP samples are reported in mg/L (ppm). For air filter samples, analyses are conducted using NIOSH and OSHA Methods. Results are expressed in ug/filter and ug/m³. Other matrix materials are analyzed accordingly using published methods or specified by client. The reported test results pertain only to items tested and are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more details.

This report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. If you need further assistance please feel free to call us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

A handwritten signature in black ink, appearing to read "Evelyn Ahulu".

Evelyn Ahulu, Senior Laboratory Analyst



1.888.NVL.LABS
1.888.(685.5227)
www.nvllabs.com

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
p 206.547.0100 | f 206.634.1936

Analysis Report

Toxicity Characteristic Leaching Procedure (TCLP)

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Batch #: 1615650.00

Matrix: Bulk
Method: EPA 1311/6010C/7470A
Client Project #: 2012-494
Date Received: 8/1/2016
Samples Received: 1
Samples Analyzed: 1

Attention: Mr. Dave Leonard

Project Location: 3100 Airport Way S. Seattle, WA 98134

Lab ID	Client Sample #	Elements	RL in mg / L	Results in mg / L	Results in ppm
16248647	A	Silver (Ag)	0.20	< 0.20	< 0.20
		Arsenic (As)	0.20	< 0.20	< 0.20
		Barium (Ba)	0.20	2.70	2.70
		Cadmium (Cd)	0.20	< 0.20	< 0.20
		Chromium (Cr)	0.20	< 0.20	< 0.20
		Mercury (Hg)	0.01	< 0.01	< 0.01
		Lead (Pb)	0.20	1.00	1.00
		Selenium (Se)	0.20	< 0.20	< 0.20
		Copper (Cu)	0.20	0.51	0.51
		Nickel (Ni)	0.20	0.25	0.25
		Zinc (Zn)	0.20	19.00	19.00

Sampled by: Client

Analyzed by: Shalini Patel

Reviewed by: Evelyn Ahulu

Date Analyzed: 08/02/2016

Date Issued: 08/02/2016


Evelyn Ahulu, Senior Laboratory Analyst

mg/ L = Milligrams per liter

N/A = Not Applicable

Note : Method QC results are acceptable unless stated otherwise.

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit

'<' = Below the reporting Limit

NVL Laboratories, Inc.

4708 Aurora Ave N, Seattle, WA 98103

p 206.547.0100 | f 206.634.1936 | www.nvllabs.com

METAL LABORATORY SERVICES

Company NVL Field Services Division

Address 4708 Aurora Ave. N.
Seattle, WA 98103

Project Manager Mr. Dave Leonard

Phone (206) 547-0100

Cell (b) (6)

NVL Batch Number **1615650.00**

TAT 1 Day

AH No

Rush TAT

Due Date 8/2/2016 Time 9:00 AM

Email Dave.l@nvllabs.com

Fax (206) 634-1936

Project Name/Number: 2012-494

Project Location: 3100 Airport Way S. Seattle, WA 98134

Subcategory Inductively Coupled Plasma (ICP) - Group Tests

Item Code TCLP-G2 EPA 1311/6010B/7470A (RCRA 11) <TCLP>

Total Number of Samples 1

Rush Samples _____

	Lab ID	Sample ID	Description	A/R
1	16248647	A		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	8/1/16	900
Analyzed by	Shalini Patel		NVL	8/2/16	
Results Called by					
<input type="checkbox"/> Faxed <input type="checkbox"/> Emailed					

Special
Instructions:

Date: 8/1/2016

Time: 8:49 AM

Entered By: Fatima Khan

NVL LABORATORIES, INC.

4708 Aurora Ave N, Seattle, WA 98103
Tel: 206.547.0100 Emerg. Cell: 206.914.4646
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

Client NVL Field Services Division

Street 4708 Aurora Ave. N.

Seattle, WA 98103

Project Manager Mr. Munaf Khan

Project Location 3100 Airport Way S. Seattle, WA 98134

**CHAIN of CUSTODY
SAMPLE LOG**

1615650

NVL Batch Number

Client Job Number 2012-494

Total Samples /

Turn Around Time

☐ 1 Hr ☐ 6 Hrs ☐ 3 Days ☐ 10 Days
☐ 2 Hrs ☒ 1 Day ☐ 4 Days
☐ 4 Hrs ☐ 2 Days ☐ 5 Days

Please call for TAT less than 24 Hrs

Email address munaf.k@nvlabs.com

Cell: (b) (6)

Phone: (206) 547-0100 Fax: (206) 634-1936

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input type="checkbox"/> Asbestos Bulk	<input type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS		Det. Limit		Matrix	
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<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppm)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)
	<input type="checkbox"/> Soil	<input type="checkbox"/> Other	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)
			<input type="checkbox"/> Silver (Ag)	<input type="checkbox"/> Selenium (Se)	<input checked="" type="checkbox"/> All 3
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify)	<input type="checkbox"/> Copper (Cu)	<input type="checkbox"/> Nickel (Ni)
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust		<input type="checkbox"/> Zinc (Zn)	

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
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Sampled by	DAVE LEONARD		NVL	7/28/16	1300
Relinquished by	DAVE LEONARD		NVL	7/29/16	1430
Received by	Motimacian		NVL	8/1/16	9:00am
Analyzed by					
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

WASTE CHARACTERIZATION SAMPLE

*CHARACTERISTIC ANALYSIS OF
NPE POLY, PPE, CLEANING RAGS*



INDUSTRIAL
HYGIENE
SERVICES

Laboratory | Management | Training

August 12, 2016

Mr. Doug Lansing
Rainier Commons
918 S. Horton Street, Suite 101
Seattle, WA 98134

Re: **NVL Batch 1616416.00**

Project Name/Number: N-A

Project location: 3100 Airport Way S. Seattle, WA 98134

Dear Mr. Lansing,

Enclosed please find test results for samples submitted to our laboratory for analysis. Preparation and analysis of these samples were conducted in accordance with published industry standards and methods specified on the attached analytic report.

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Sincerely,

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Nick Ly, Technical Director

Enclosure: Sample Results

Phone: 206.547.0100 | Fax: 206.634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103

Case Narrative:

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J2	The reported concentration is an estimated value because the percent recovery for matrix spike is out of control limits.
J3	The reported concentration is an estimated value because the relative percent difference(RPD) for duplicate analysis is out of control limits.
J4	Percent recovery is outside of established control limits.
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LFS	Laboratory Fortified Spike
Limits	The upper and lower control limits for spike recoveries.
LN	Quality control sample is outside of control limits. This analyte was not detected in the sample.
LOQ	Limit of quantitation(same as RL)
mg/kg	Milligrams per kilogram.
ND	Analyte not detected or below the reporting limit of the instrument or methodology



Definition Appendix

Terms

PPM	Parts per Million.
QC Batch Group	Quality Control Batch Group. The entity that links analytical results and supporting quality control results.
R	The data are not reliable due to possible contamination or loss of material during preparation or analysis. Re-sampling and reanalysis are necessary for verification.
RL	Reporting Limit. The minimum concentration that can be quantified under routine operating conditions.
RPD	Relative Percent Difference. The relative difference between duplicate results(matrix spike, blank spike, or samples duplicate) expressed as a percentage.
RPD Limit	The maximum RPD allowed for a set of duplicate measurements(see RPD).
SMI	Surrogate has matrix interference.
Spike Conc.	The measured concentration, in sample basis units, of a spiked sample.
SURR-ND	Surrogate was not detected due to matrix interference or dilution.
ug/m3	Micrograms per cubic meter.
ug/mL	Micrograms per milliliter
mg/Kg	milligram per kilogram

ORGANICS LABORATORY SERVICES



Company <u>Rainier Commons, LLC</u>	NVL Batch Number 1616416.00
Address <u>918 S. Horton Street, Suite 101</u>	TAT <u>1 Day</u> AH <u>No</u>
<u>Seattle, WA 98134</u>	Rush TAT _____
Project Manager <u>Mr. Doug Lansing</u>	Due Date <u>8/12/2016</u> Time <u>10:15 AM</u>
Phone <u>(206) 447-0263</u>	Email <u>lansinghomes@aol.com</u>
Cell <u>(b) (6)</u>	Fax <u>(206) 447-0299</u>

Project Name/Number: <u>N-A</u>	Project Location: <u>3100 Airport Way S Seattle, WA 98134</u>
---------------------------------	---------------------------------------------------------------

Subcategory Quantitative analysis

Item Code ORG-05 Method 8082 PCB Aroclors <Bulk>

Total Number of Samples 1

Rush Samples _____

	Lab ID	Sample ID	Description	A/R
1	16252987	0811-16-1		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				
Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Maxwell Raymond		NVL	8/11/16	1015
Analyzed by	Evelyn Athyln		NVL	8/11/16	15:00
Results Called by					
<input type="checkbox"/> Faxed <input type="checkbox"/> Emailed					
Special Instructions: ilims run # 469					

Entered By: Maxwell Raymond

Date: 8/11/2016

Time: 11:46 AM

1 of 1

RCLLC 0007352

ANALYSIS REPORT

Polychlorinated Biphenyls by Gas Chromatography



Client	Rainier Commons	Samples Received*	1
SDG Number	1616416.00	Analyzed By	Evelyn Ahulu
Date Reported	08/12/2016	Samples Analyzed*	1
Project Number	N-A	Analysis Method	8082A
Location	3100 Airport Way S. Seattle, WA 98134	Preparation Method	3546PR (PCB)

* for this test only

Sample Number	0811-16-1	Received	08/11/2016
Lab Sample ID	16252987	Matrix	Material
Initial Sample Size	2.0939 gm	Units of Result	mg/Kg, as received

Analyte	RL	Final Result	Analysis Date
Aroclor-1016	0.96	< 0.96	08/11/2016
Aroclor-1221	0.96	< 0.96	08/11/2016
Aroclor-1232	0.96	< 0.96	08/11/2016
Aroclor-1242	0.96	< 0.96	08/11/2016
Aroclor-1248	0.96	< 0.96	08/11/2016
Aroclor-1254	0.96	5.3	08/11/2016
Aroclor-1260	0.96	1.4	08/11/2016
PCBs, Total	0.96	6.7	

Comments: NPE Poly and PPE composite

Quality Control Results

Project Number: N-A				SDG Number: 1616416					
				Project Manager: Doug Lansing					
QC Batch(es): Q476				Analysis Method: 8082A					
QC Batch Method: 3546PR (PCB)				Analysis Description: Polychlorinated Biphenyls by Gas Chromatography					
Preparation Date: 08/11/2016									
Blank: MBLK-1616416									
Analyte	Blank Result	Units	DF	RL	Control Limit	Qualifiers			
Aroclor-1016	ND	mg/Kg	1	1.0	1				
Aroclor-1221	ND	mg/Kg	1	1.0	1				
Aroclor-1232	ND	mg/Kg	1	1.0	1				
Aroclor-1242	ND	mg/Kg	1	1.0	1				
Aroclor-1248	ND	mg/Kg	1	1.0	1				
Aroclor-1254	ND	mg/Kg	1	1.0	1				
Aroclor-1260	ND	mg/Kg	1	1.0	1				
PCBs, Total	ND	mg/Kg	1	1.0	1				
Surrogates:				% Rec					
Tetrachloro-m-xylene			1	99	40-140				
Decachlorobiphenyl			1	110	40-140				
Lab Control Sample: LCS-1254-1616416									
Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec Limits	Qualifiers			
Aroclor-1254	17.5	mg/Kg	1	20.0	87	40-140			
Surrogates:									
Tetrachloro-m-xylene			1		88	40-140			
Decachlorobiphenyl			1		95	40-140			
Lab Control Sample: LCS-1016-1260-1616416									
Lab Control Sample Duplicate: LCS Dup-1016-1260									
Analyte	Blank Spike Result	Units	DF	Spike Conc.	% Rec	Limits	RPD	RPD Limit	Qualifiers
Aroclor-1016	17.6	mg/Kg	1	20.0	88	40-140			
	18.4			20.0	92	40-140	5	50	
Aroclor-1260	18.9	mg/Kg	1	20.0	94	40-140			
	19.8			20.0	99	40-140	5	50	
Surrogates:									
Tetrachloro-m-xylene			1		93	40-140			
					97	40-140			
Decachlorobiphenyl			1		102	40-140			
					108	40-140			

Surrogate Recovery Summary Report

Client Rainier Commons

SDG Number 1616416

Project N-A

Customer Sample ID	Lab Sample ID	Analyte	Recovery	Limits
0811-16-1	16252987	Decachlorobiphenyl	101%	40-140
0811-16-1	16252987	Tetrachloro-m-xylene	119%	40-140
LCS Dup-1016-1260	LCS Dup-1016-1260	Decachlorobiphenyl	108%	40-140
LCS Dup-1016-1260	LCS Dup-1016-1260	Tetrachloro-m-xylene	97%	40-140
LCS-1016-1260-1616416	LCS-1016-1260-1616416	Decachlorobiphenyl	102%	40-140
LCS-1016-1260-1616416	LCS-1016-1260-1616416	Tetrachloro-m-xylene	93%	40-140
LCS-1254-1616416	LCS-1254-1616416	Decachlorobiphenyl	95%	40-140
LCS-1254-1616416	LCS-1254-1616416	Tetrachloro-m-xylene	88%	40-140
MBLK-1616416	MBLK-1616416	Decachlorobiphenyl	110%	40-140
MBLK-1616416	MBLK-1616416	Tetrachloro-m-xylene	99%	40-140

* Recovery outside limits



INITIAL AND CONTINUING CALIBRATION VERIFICATION

SDG No: **1616416**

Contract:

Determination: **8082 PCB Aroclors <Material>**

Run	Sample	Source	Analyzed	Analyte	True	Found	Unit	% Rec	Limits
R000469	CCV1 1016-1260	PCB_2016-1-2	08/11/2016	Aroclor-1016	5	5	ug/mL	100	80-120
		PCB_2016-1-2	08/11/2016	Aroclor-1260	5	5	ug/mL	100	80-120
	CCV1 1254	PCB_2016-1-3	08/11/2016	Aroclor-1254	5	5	ug/mL	100	80-120
	ICV 1016-1254- 1260	PCB_2016-1-4	08/11/2016	Aroclor-1016	5	4.811	ug/mL	96	85-115
		PCB_2016-1-4	08/11/2016	Aroclor-1254	5	5.519	ug/mL	110	85-115
		PCB_2016-1-4	08/11/2016	Aroclor-1260	5	5.541	ug/mL	111	85-115
	CCV2 1016-1260	PCB_2016-1-2	08/11/2016	Aroclor-1016	5	5.35	ug/mL	107	80-120
		PCB_2016-1-2	08/11/2016	Aroclor-1260	5	5.52	ug/mL	110	80-120
	CCV2 1254	PCB_2016-1-3	08/11/2016	Aroclor-1254	5	5.504	ug/mL	110	80-120

% Rec = Percent recovery

* = Percent recovery not within control limits

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
Tel: 206.547.0100 Emerg. Pager: 206.344.1878
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY
SAMPLE LOG**

1616416

Client RAINIER COMMONS LLC NVL Batch Number _____
Street 3100 AIRPORT WAY S. Client Job Number _____
SEATTLE, WA 98134 Total Samples ONE
Project Manager DOUG LANSING Turn Around Time ☐ 1-Hr ☒ 24-Hrs ☐ 4 Days
Project Location _____ ☐ 2-Hrs ☐ 2 Days ☐ 5 Days
☐ 4-Hrs ☐ 3 Days ☐ 6 to 10 Days
Please call for TAT less than 24 Hrs

Email address LANSINGHOMES@AOL.COM

Phone: 206-963-6656 Fax: _____ Home _____

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other _____
<input type="checkbox"/> Asbestos Bulk	<input type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM Bulk	
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> ppm (AAS)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ppb (GFAA)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Copper (Cu)
		<input type="checkbox"/> Dust/wipe	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Selenium (Se)	<input type="checkbox"/> Nickel (Ni)
		<input type="checkbox"/> Soil	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Silver (Ag)	<input type="checkbox"/> Zinc (Zn)
<input checked="" type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input checked="" type="checkbox"/> Other (Specify) <u>PCB-BULK</u>		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		<u>0811-16-1</u>	<u>NPE POLY AND PPE COMPOSITE</u>	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>D. LANSING</u>	<u>[Signature]</u>	<u>RAINIER</u>	<u>8/11/16</u>	<u>10:15</u>
Relinquished by					
Received by	<u>Margie</u>	<u>[Signature]</u>	<u>NVL</u>	<u>8/11/16</u>	<u>12:15</u>
Analyzed by	<u>Evelyn Ahlu</u>	<u>[Signature]</u>		<u>8/11/16</u>	<u>15:00</u>
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

PHASE ONE
BLASTING MEDIA PROFILE



EZ Profile™

Requested Facility: Hillsboro Landfill

☐ Unsure Profile Number: 1157100R

☐ Multiple Generator Locations (Attach Locations) ☐ Request Certificate of Disposal ☐ Renewal? Original Profile Number: _____

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: Rainier Commons LLC
2. Site Address: 918 South Horton St
(City, State, ZIP) Seattle WA 98134
3. County: King
4. Contact Name: Vered
5. Email: Vered@arieldevelopment.com
6. Phone: (425) 487-2618 7. Fax: (425) 487-2619
8. Generator EPA ID: WAD051239994 ☐ N/A
9. State ID: Washington ☐ N/A

B. BILLING INFORMATION

☐ SAME AS GENERATOR

1. Billing Name: Construction Group Intl LLC
2. Billing Address: 19407 144th Ave NE Bldg D
(City, State, ZIP) Woodinville WA 98072
3. Contact Name: Debra Zentner
4. Email: debraz@cgius.net
5. Phone: (425) 487-2618 6. Fax: (425) 487-2619
7. WM Hauled? ☒ Yes ☐ No
8. P.O. Number: A14067
9. Payment Method: ☒ Credit Account ☐ Cash ☐ Credit Card

C. MATERIAL INFORMATION

1. Common Name: LF01 - Sandblast grit with PCB Paint
Describe Process Generating Material: ☐ See Attached
Sandblasting
2. Material Composition and Contaminants: ☐ See Attached
1. Sand 99-100 %
2. PPE 0-1 %
3. PCB Containing Paint 0-1 %
4. _____
Total composition must be equal to or greater than 100% ≥100%
3. State Waste Codes: ☒ N/A
4. Color: brown
5. Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Other: _____
6. Free Liquid Range Percentage: _____ to _____ ☒ N/A
7. pH: _____ to _____ ☒ N/A
8. Strong Odor: ☐ Yes ☒ No Describe: _____
9. Flash Point: ☐ <140°F ☐ 140°-199°F ☒ ≥200° ☒ N/A

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☒ No
Code: _____
2. State Hazardous Waste? ☐ Yes ☒ No
Code: _____
3. Is this material non-hazardous due to Treatment, Delisting, or an Exclusion? ☐ Yes* ☒ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☒ No
5. Contains benzene and subject to Benzene NESHAP? ☐ Yes* ☒ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☒ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☒ No
8. NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☒ No
*If Yes, see Addendum (page 2) for additional questions and space.
9. Contains PCBs? → If Yes, answer a, b and c. ☒ Yes ☐ No
a. Regulated by 40 CFR 761? ☐ Yes ☒ No
b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☒ No
c. Were PCB imported into the US? ☐ Yes ☒ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☒ No
11. Contains Asbestos? ☐ Yes ☒ No
→ If Yes: ☐ Non-Friable ☐ Non-Friable - Regulated ☐ Friable

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☐ Yes
Please identify applicable samples and/or lab reports:

2. Other information attached (such as MSDS)? ☐ Yes

F. SHIPPING AND DOT INFORMATION

1. ☐ One-Time Event ☒ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 10
☐ Tons ☒ Yards ☐ Drums ☐ Gallons ☐ Other: _____
3. Container Type and Size: CF1yd
4. USDOT Proper Shipping Name: _____ ☐ N/A
NA3077, Hazardous waste solid n.o.s. (D008), 9 H, RQ

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Debra Zentner Date: 06/13/2014
Title: Accounting/Office Manager
Company: Construction Group Intl LLC

Certification Signature

Debra Zentner

THINK GREEN.

QUESTIONS? CALL 800 963 4776 FOR ASSISTANCE

WASTE MANAGEMENT
© 2014 WASTE MANAGEMENT

RCLLC 0007358

From: Mark Marcell <markm@cgius.net>
To: Doug Lansing <lansinghomes@aol.com>
Subject: RE: Waste Management
Date: Thu, Aug 11, 2016 7:28 am

Here is Brian's (WM) response Doug,

Hello Mark,

If the waste being shipped matches the description of the grit profile (115710OR) then it is the correct Waste Management Approved Profile Document needed to ship out the waste. This profile expires for renewal on 06/13/17. Additional paperwork provided by WM may be needed in order to safely and legally ship the waste. Let me know if you need anything else from me. I appreciate your business. Thank you!

Brian Russo
Industrial Account Manager
Waste Management
Phone: [360-399-8756](tel:360-399-8756)
Email: brusso@wm.com
Website: www.wmsolutions.com

Mark Marcell,
President



construction group international | www.cgius.net | 425-487-2618 x246 desk | 206-718-5501 cell
seattle office | 19407 144th Ave NE, Bldg D | Woodinville, WA 98072 | 425-487-2618 office | 425-487-2619 fax

From: Doug Lansing [<mailto:lansinghomes@aol.com>]
Sent: Tuesday, August 9, 2016 11:26 AM
To: Mark Marcell <markm@cgius.net>
Subject: Waste Management

Good Morning Mark:

Looks like Waste Management was busy while I was gone this morning. I made a copy of the shipping manifest that the trucking company gave to Larry. It looks like they are shipping using the profile we used for Phase One.

From a practical standpoint, this makes great sense. Phase One's concentration of PCB was much higher than Phase Two, so it will be going to the appropriate final destination.

For the disposal company we use (Emerald Services) they say their profile is valid for two years. I'm not sure if this is a regulatory requirement or a company policy. Could you reach out to your contact at Waste Management and

get them to confirm in writing that the profile being used for this Phase is still acceptable?

Thanks:

Doug

BLASTING DEBRIS - 1ST LOAD - 12 BOXES - 8/9/16

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number	
	5. Generator's Name and Mailing Address			Generator's Site Address (if different than mailing address)			
	Generator's Phone:						
	6. Transporter 1 Company Name			U.S. EPA ID Number			
TRANSPORTER	7. Transporter 2 Company Name			U.S. EPA ID Number			
	8. Designated Facility Name and Site Address			U.S. EPA ID Number			
	Facility's Phone:						
	9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt/Vol
				No.	Type		
	1.			12			
	2.						
	3.						
	4.						
DESIGNATED FACILITY	13. Special Handling Instructions and Additional Information						
	1.1157100R - LFØ1 - SANDBLAST GRIT						
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
	Generator's/Offlor's Printed/Typed Name			Signature		Month Day Year	
	Middaugh					8 9 16	
	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	16. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name			Signature		Month Day Year	
	Leonard J. Warnack					08 09 16	
	Transporter 2 Printed/Typed Name			Signature		Month Day Year	
	17. Discrepancy						
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	17b. Alternate Facility (or Generator)			U.S. EPA ID Number			
	Facility's Phone:						
	17c. Signature of Alternate Facility (or Generator)			Month Day Year			
	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
	Printed/Typed Name			Signature		Month Day Year	

BLASTING DEBRIS - 2ND LOAD - 4 BOXES - 8-11-16

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number		2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number	
5. Generator's Name and Mailing Address					
Generator's Site Address (if different than mailing address)					
Generator's Phone:				U.S. EPA ID Number	
6. Transporter 1 Company Name				U.S. EPA ID Number	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address					
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. BLASTING DEBRIS - 2ND LOAD - 4 BOXES		4			
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information					
1. 115710R - LFDI SANDBLAST GRIT					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Officer's Printed/Typed Name				Signature	Month Day Year
Larry Middaugh					8 11 16
15. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.	
16. Transporter Acknowledgment of Receipt of Materials		Port of entry/exit:		Date leaving U.S.:	
Transporter Signature (for exports only):		Signature		Month Day Year	
Transporter 1 Printed/Typed Name		Signature		Month Day Year	
Leonard D. Wilmoch				08 11 16	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space		<input type="checkbox"/> Quantity		<input type="checkbox"/> Type	
		<input type="checkbox"/> Residue		<input type="checkbox"/> Partial Rejection	
		<input type="checkbox"/> Full Rejection		Manifest Reference Number:	
17b. Alternate Facility (or Generator)		U.S. EPA ID Number			
Facility's Phone:		Month Day Year			
17c. Signature of Alternate Facility (or Generator)		Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature		Month Day Year	

- FINAL LOAD -

ENCLOSURE POLY/PPE - 2 BOXES - B-25-16

KCLLC-082516-01

RCLLC-082516-01

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)				
RAINIER COMMONS LLC 919 SOUTH HORTON ST SEATTLE WA 98134						
Generator's Phone:						
6. Transporter 1 Company Name		U.S. EPA ID Number				
CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST		ORD080792910				
7. Transporter 2 Company Name		U.S. EPA ID Number				
UNION PACIFIC RAILROAD		MED001792010				
8. Designated Facility Name and Site Address		U.S. EPA ID Number				
COLUMBIA RIDGE LANDFILL 18177 CEDAR SPRINGS LAND ARLINGTON OR 97912		ORD997173457				
Facility's Phone:						
503464-2030						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. MATERIAL NOT REGULATED BY DOT (SANDBLAST GRIT)		2	CF	500	P	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information						
1. 1157100R - LF01, SANDBLAST GRIT						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offor's Printed/Typed Name		Signature			Month	Day Year
YOUNG DAVID		SHUCHMAN			8	25 16
15. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		
Transporter Signature (for exports only):		Port of entry/exit:				
16. Transporter Acknowledgment of Receipt of Materials		Date leaving U.S.:				
Transporter 1 Printed/Typed Name		Signature			Month	Day Year
Lernard J. Wornale		Lernard J. Wornale			8	25 16
Transporter 2 Printed/Typed Name		Signature			Month	Day Year
17. Discrepancy						
17a. Discrepancy Indication Space		<input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
17b. Alternate Facility (or Generator)		Manifest Reference Number:				
Facility's Phone:		U.S. EPA ID Number				
17c. Signature of Alternate Facility (or Generator)		Month Day Year				
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name		Signature			Month	Day Year